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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ibraheem T. BADEJO et al.

Application No.: 09/834,615

Group Art Unit: 3751

Filed: April 16, 2001

Docket No.: 105841

For: ADHESIVE APPLICATORS WITH IMPROVED POLYMERIZATION INITIATORS

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

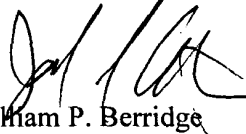
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. This application is one of a series of related applications, identified in the attached Appendix, which are directed to related technical subject matter. The identification of those U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during the examination.

- ☒ 3. The references, copies of which are not attached hereto, were cited by or submitted to the Office in parent applications No. 09/506,255 filed February 17, 2000; 09/409,672 filed September 30, 1999; 09/221,997 filed December 29, 1998; 08/488,411 filed June 7, 1995; 08/909,845 filed August 12, 1997; 08/609,921 filed February 29, 1998; 08/920,876 filed August 29, 1997, which are relied upon for an earlier filing date under 35 U.S.C. §120. Copies of these references are attached.

Respectfully submitted,


William P. Berridge
Registration No. 30,024

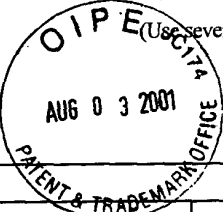
Joel S. Armstrong
Registration No. 36,430


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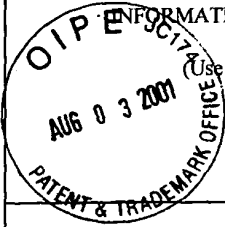
Date: August 3, 2001

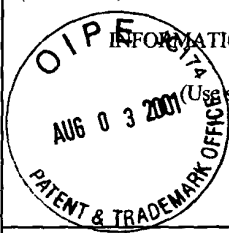
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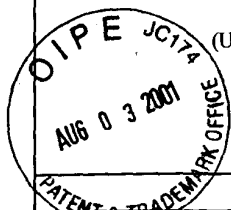
Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 105841		APPLICATION NO. 09/834,615	
INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>				APPLICANT(S) Ibraheem BADEJO et al.			
							
				FILING DATE April 16, 2001		GROUP 3751	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		4,291,131	9/1981	McIntire et al.			
		3,891,125	6/1975	Morane et al.			
		3,770,523	11/1973	Biswas			
		4,801,008	1/1989	Rich			
		3,468,458	6/1969	Leigh			
		3,178,379	4/1965	Wicker, Jr., et al.			
		3,527,841	9/1970	Wicker, Jr., et al.			
		5,216,096	6/1993	Hattori et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		63-11166	1/1988	Japan			
		WO 91/09641	7/1991	WIPO			
		0 170 526 A2	2//986	Europe			
		JP-U 2-135479	11/1990	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		J. Fenton, II, et al., "Human Thrombins," <u>The Journal of Biological Chemistry</u> , Vol. 252, No. 11, pp. 3587-3598 (1977).					
		M. Carr, Jr., et al., "Influence of Ca ²⁺ on the Structure of Reptilase-Derived and Thrombin-Derived Fibrin Gels," <u>Biochem J.</u> , Vol. 239, pp. 513-516 (1986).					
		M. Kaminski et al., "Studies on the Mechanism of Thrombin," <u>The Journal of Biological Chemistry</u> , Vol. 258, No. 17, pp. 10530-10535 (1983).					
		J. Coombs, "Dictionary of Biotechnology," <u>Stockton Press</u> (1986).					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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		2,784,127	3/1957	Joyner et al.			
		3,260,637	7/1966	Bramer			
		2,439,081	4/1948	Dickey et al.			
		4,042,442	8/1977	Dombroski et al.			
		4,804,691	2/1989	English et al.			
		2,768,109	10/1956	Coover, Jr.			
		3,970,505	7/1976	Hauser et al.			
		4,777,230	10/1988	Kamath			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		WO 82/01685	5/1982	WIPO			
		DE 35 08 388 A1	9/1985	Germany			
		1,389,908	3/1964	France			
		WO 96/40797	12/1996	WIPO			
		WO 97/31598	9/1997	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		R. Linhardt, "Biodegradable Polymers for Controlled Release of Drugs," <u>Controlled Release of Drugs: Polymers and Aggregate Systems</u> , pp. 53-95 (1989).					
		Yin-Chao Tseng et al., "In vivo Evaluation of 2-Cyanoacrylates as Surgical Adhesives," <u>Journal of Applied Biomaterials</u> , Vol. 1, pp. 111-119 (1990).					
		F. Leonard, "The n-Alkylaliphacyanoacrylate Tissue Adhesives," <u>Annals New York Academy of Sciences</u> , pp. 203-213.					
		F. Leonard, "Synthesis and Degradation of Poly(alkyl α -Cyanoacrylates)," <u>Journal of Applied Polymer Science</u> , Vol. 10, pp. 259-272 (1966).					
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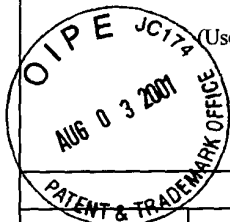
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		3,223,083	12/1965	Cobey			
		3,759,264	9/1973	Coover, Jr. et al.			
		3,559,652	2/1971	Banitt et al.			
		5,130,369	7/1992	Hughes et al.			
		5,322,912	6/1994	Georges et al.			
		5,059,657	10/1991	Druliner et al.			
		4,340,708	7/1982	Gruber			
		4,581,429	4/1986	Solomon et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Yin-Chao Tseng et al., "In vitro Toxicity Test of 2-Cyanoacrylate Polymers By Cell Culture Method," <u>Journal of Biomedical Materials Research</u> , Vol. 24, pp. 1355-1367 (1990).					
		Loctite Product No. 11067-2 (Rearview Mirror Adhesive); January 1999.					
		Permatex Product No. ATA-I (Auto Trim Adhesive); January 1999.					
		PCT International Search Report, July 9, 1997.					
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		4,297,160	10/1981	Kusayama et al.			
		3,728,375	4/1973	Coover, Jr., et al.			
		4,364,876	12/1982	Kimura et al.			
		5,219,328	6/1993	Morse et al.			
		3,964,643	6/1976	Morane et al.			
		5,262,200	11/1993	Puder et al.			
		4,377,490	3/1983	Shiraishi et al.			
		4,125,494	11/1978	Schoenberg et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		James Quinn, M.D., and James Kissick, M.D., "Tissue Adhesives for Laceration Repair During Sporting Events", <u>Clinical Journal of Sport Medicine</u> , Vol. 4, No. 4, 1994, pp. 254-248.					
		Capt. Stephen C. Woodward et al., "Histotoxicity of Cyanoacrylate Tissue Adhesive in the Rat", <u>Annals of Surgery</u> , Vol. 162, No. 1, July 1965, pp. 113-121.					
		Yin-Chao Tseng et al., "In Vivo Evaluation of 2-Cyanoacrylates as Surgical Adhesives", <u>Journal of Applied Biomaterials</u> , Vol. 1, 1990, pp. 111-119.					
		Fred Leonard et al., "Synthesis and Degradation of Poly(akyl α Cyanoacrylates)", <u>Journal of Applied Polymer Science</u> , Vol. 10, 1966, pp. 259-272.					
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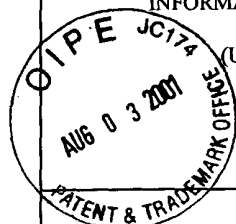
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		5,525,647	6/1996	Eichmiller			
		3,482,920	12/1969	Schwartzman			
		3,786,820	1/974	Kopfer			
		4,784,506	11/1988	Koreska et al.			
		5,098,297	3/1992	Chari et al.			
		5,490,736	2/1996	Haber et al.			
		4,359,454	11/1982	Hoffman			
		4,980,086	12/1990	Hiraiwa et al.			
		3,254,111	5/1966	Hawkins et al.			
		4,544,699	10/1985	Biale			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		J. March, <u>Advanced Organic Chemistry</u> , 3 rd Ed., New York: John Wiley & Sons, pp. 320-322. °					
		P.J. Garegg et a., <u>Carbohydrate Research</u> , Vol. 130, p. 322 (1984). °					
		R. Thompson, <u>The Design and Synthesis of Antimicrofilaria and Anticancer Compounds</u> , MS Thesis, University of Tennessee, Part 2.B, "Benzylation of o-Cyclohexylden Derivates of myo-Inositol," pp. 28-29, August 1994. ¶					
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		5,370,221	12/94	Magnusson et al.			
		3,762,540	10/73	Frick et al.			
		4,353,463	10/82	Seemann			
		5,284,275	2/94	Shomer			
		5,393,826	2/1995	Huwer et al.			
		5,514,371	5/1996	Leung et al.			
		5,514,372	5/1996	Leung et al.			
		5,575,997	10/1996	Leung et al.			
		5,582,834	12/1996	Leung et al.			
		5,624,669	4/1997	Leung et al.			
		5,928,611	7/1999	Leung			
		5,981,621	11/1999	Clark et al.			
		5,982,621	11/1999	Li			
		6,090,397	7/2000	Lee et al.			
		6,099,807	8/2000	Leung			
		6,143,805	11/2000	Hickey et al.			
		6,217,603	4/2001	Clark et al.			
		09/506,255	2/2000	Leung			
		09/409,672	9/1999	Leung			
		08/909,845	8/1997	Clark et al.			
		08/920,876	8/1997	Clark et al.			
		09/430,177	10/1999	Narang et al.			
		09/479,059	1/2000	Clark et al.			
		09/479,060	1/2000	Voiers et al.			
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		5,480,935	1/1996	Greff et al.			
		5,306,490	4/1994	Barley, Jr.			
		5,328,687	7/1994	Leung et al.			
		5,259,835	11/1993	Clark et al.			
		4,720,513	1/1988	Kameyama et al.			
		4,444,933	4/1984	Columbus et al.			
		4,127,382	11/1978	Perry			
		4,035,334	7/1977	Davydov et al.			
		3,995,641	12/1976	Kronenthal et al.			
		3,961,966	6/1976	Brinkmann et al.			
		3,940,362	2/1976	Overhults			
		3,759,264	9/1973	Coover, Jr. et al.			
		3,722,599	3/1973	Robertson et al.			
		3,699,127	10/1972	O'Sullivan et al.			
		3,667,472	6/1972	Halpern			
		3,591,676	7/1971	Hawkins et al.			
		3,559,652	8/1968	Banitt et al.			
		3,554,990	1/1971	Quinn et al.			
		3,527,841	9/1970	Wicker et al.			
		3,354,128	11/1967	Wicker et al.			
		3,223,083	12/1965	Cobey			
		2,794,788	6/1957	Coover, Jr. et al.			
		2,784,215	3/1957	Joyner et al.			
		2,784,127	3/1957	Joyner et al.			
		2,765,332	10/1956	Coover, Jr. et al.			
		2,721,858	10/1955	Joyner et al.			
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APPENDIX



LIST OF RELATED APPLICATIONS

Application No.

Filing Date

08/909,845

August 12, 1997

08/920,876

August 29, 1997

09/409,672

September 30, 1999

09/430,177

October 29, 1999

09/479,059

January 7, 2000

09/479,060

January 7, 2000

09/506,255

February 17, 2000